



eGauge CT Specifications

Model: ECSxx-yyy

The eGauge ECS series CTs are split-core current transducers (CTs) with 36 mm, 20 mm, and 9 mm openings. CTs are installed around current carrying conductors to measure amperage as part of a power metering solution. Thanks to the split-core design, they are easily retrofitted to existing power systems and do not require the metered conductors to be disconnected. A 333 mV output means no shorting blocks are required. All ECS CTs are UL2808 certified.

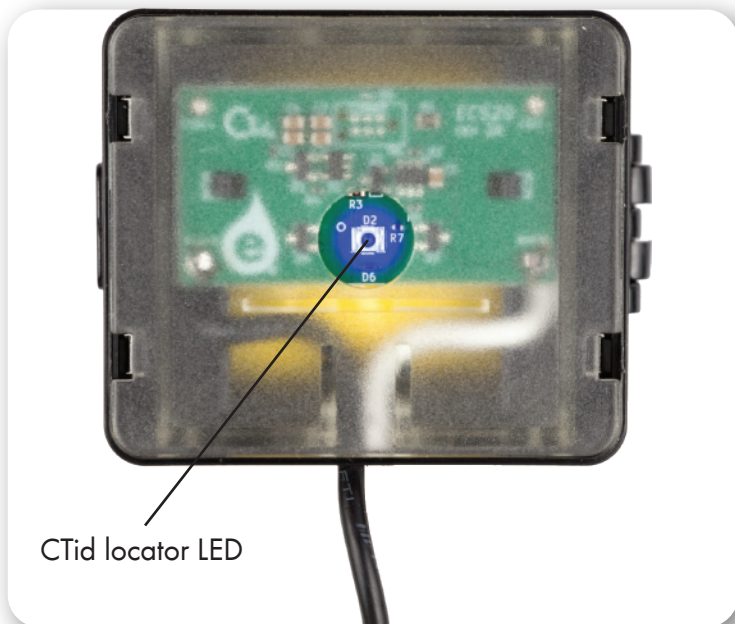
eGauge CTs use CTid technology for auto-detection and have an onboard LED which can be used to identify which CT is connected to a given sensor port. This is useful, for example if the CT leads cannot be traced.



	ECS36	ECS20	ECS09
Amperage Ratings	400 A, 600 A	100 A, 200 A, 300 A	50 A, 80 A
Window Size	36 mm (1.42 in.)	20 mm (0.79 in.)	9 mm (0.35 in.)
Accuracy	1% (ECSxx-yyy) or 0.5% (ECSxx-yyy-R) <i>when measuring between 1% and 100% of rated CT amperage</i>		
Frequency	50 Hz or 60 Hz		
Wire Lead	2.4 m (8 ft.) black/white twisted wire, AWG18 (UL1015 600 V)		
Overvoltage Category	600 Vac, CAT IV		250 Vac, CAT III
Dielectric Strength	7400 Vac / 1 minute		
Operating Temperature	-40 °C - 60 °C	-40 °C - 75 °C	
Conditions	Indoor use, Pollution Degree 2, Altitude up to 3000 m		
Output	333 mVrms at rated amperage		
Certifications	UL listed (UL2808, XOSA file #E515923), RoHS, CE pending		
	UL61010-1, CAN/CSA STD C22.2 NO. 61010-1		
Warranty	5-year limited warranty		



Additional Photos



CTid locator LED



Dimensional Diagrams [mm]

